eLation Nation

eLation Cross Platform Mobile Apps for Innovative Systems, LLC

Introduction

- Innovative Systems
- eBill Mobile Application
- Technician Mobile Application
- Cross Platform: iOS and Android

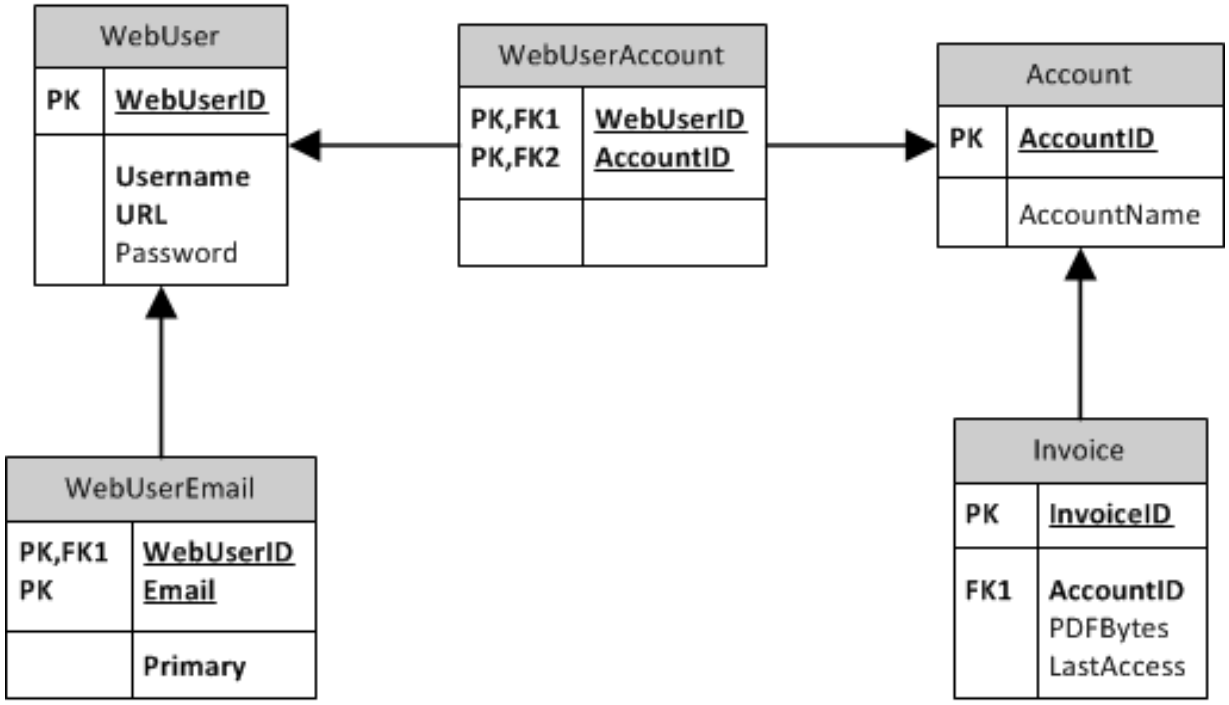
Previous Sprints

- Sprint 1
  - Set up IDEs and SVN Code Repository
  - Built test JSON communication to Android devices
  - Created basic UI layouts
- Sprint 2
  - Installed eBill service on local server
  - Got provided API calls working and implemented
  - Continued developing UI

Sprint 3 Goals

- eBill Application
  - Implement all API call functionality available (at beginning of Sprint 3) in UI pages
  - Implement PDF Viewer
  - Set up Database/Build internal data storage structure
- Technician Application
  - Build application
- Expand API error checking
- Documentation

Database Design



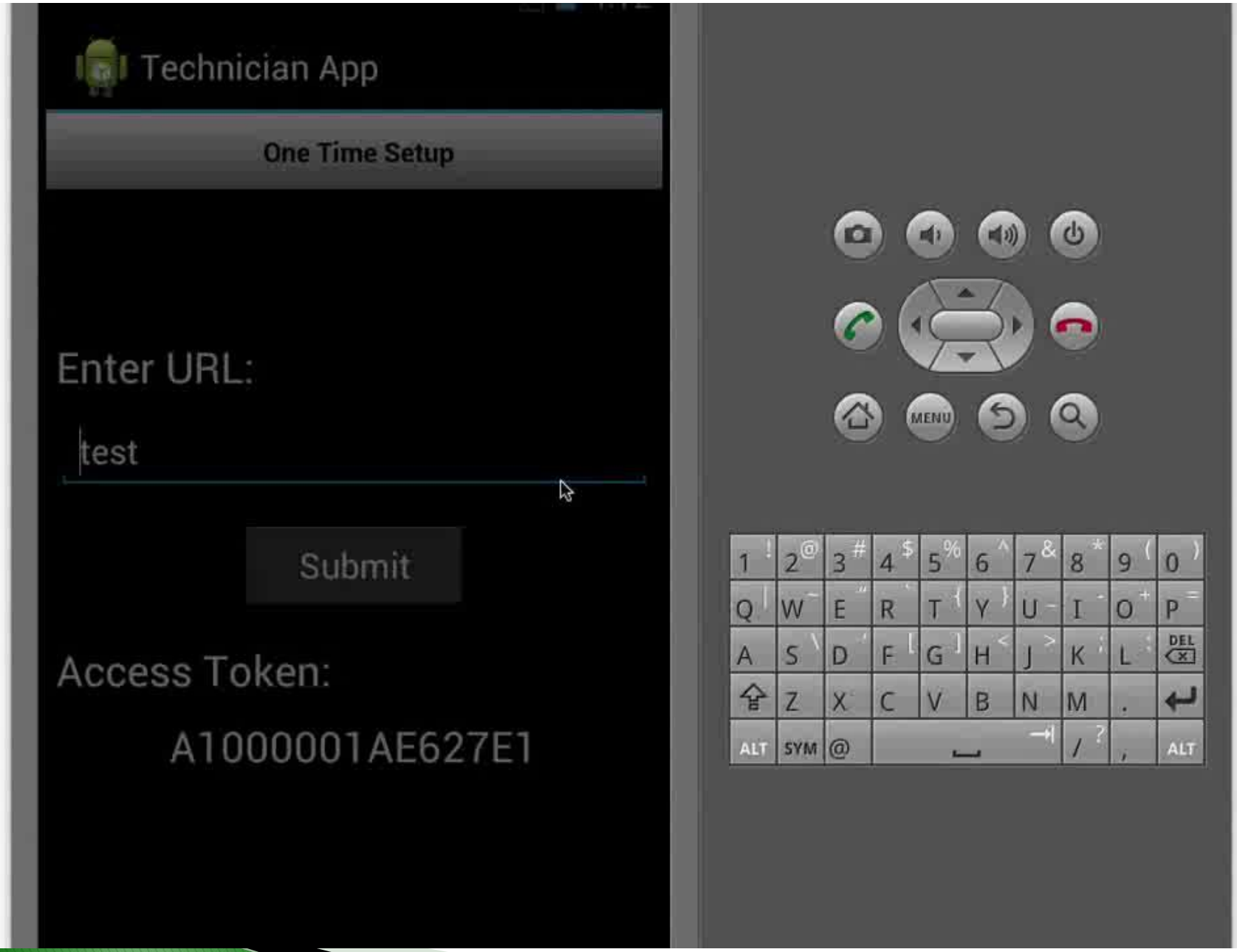
eBill App Prototype

- Apple

Carrier
4:19 PM
Simpl...board
MyVMail
MyTVs
eBill
eBillAppleTest
Techn...nApp
Safari

Technician App Prototype

- Android

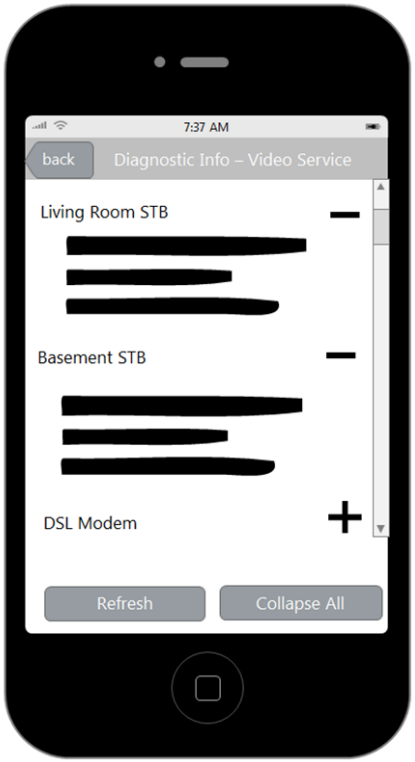

Technician App
One Time Setup
Enter URL:
test
Submit
Access Token:
A1000001AE627E1
MENU

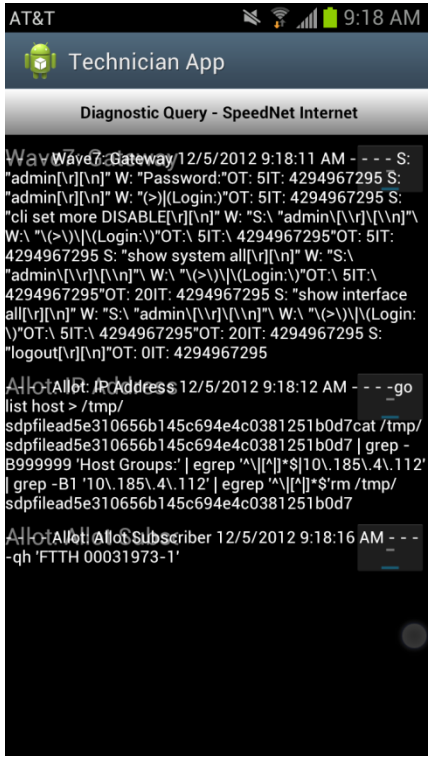
Successes

- eBill App API Implementation
  - Invoice Overview
  - Invoice List
  - View Invoice as PDF
  - Service Summary
  - Payment History
- Technician App API Implementation
  - Built Application
  - Services Query
  - Diagnostics Query

Issues

- The expandable list:





Still in progress…

- Documentation
- Expand Error checking
- Current Usage API
- Payments API
- Implement Past Invoices – Android
- Implement database storage

Remaining Backlog

- Documentation
- OAuth Login
- API Functionality
  - Manage Account
  - Current Usage
  - Additional Payment Options
- Make iPad Compatible Apps
- Trouble Tickets
- Unit Tests
- Handling Data throughout App Lifecycle
- Accommodating Multiple Web Users

Questions?